

FIG. 1

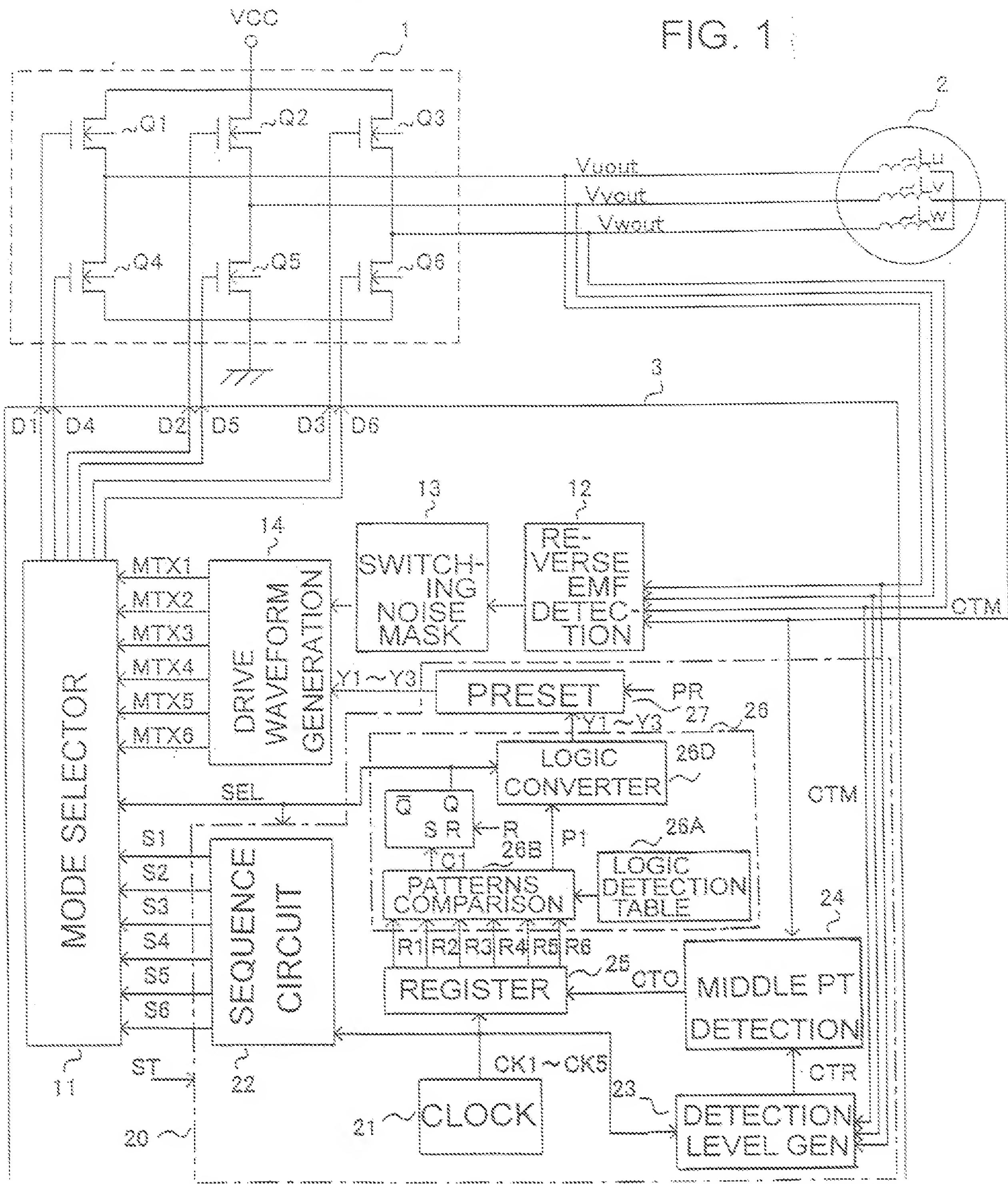
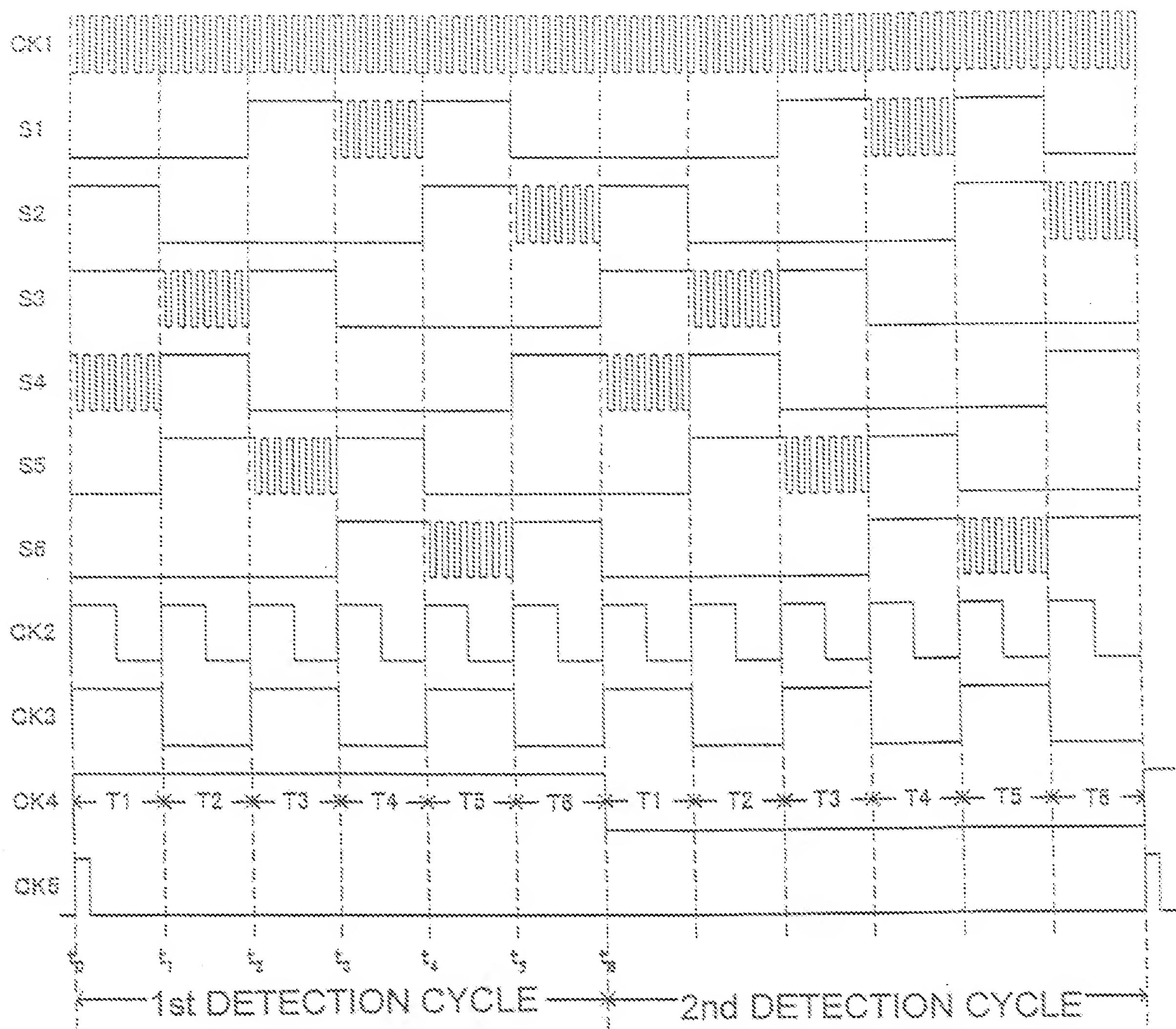


FIG. 2



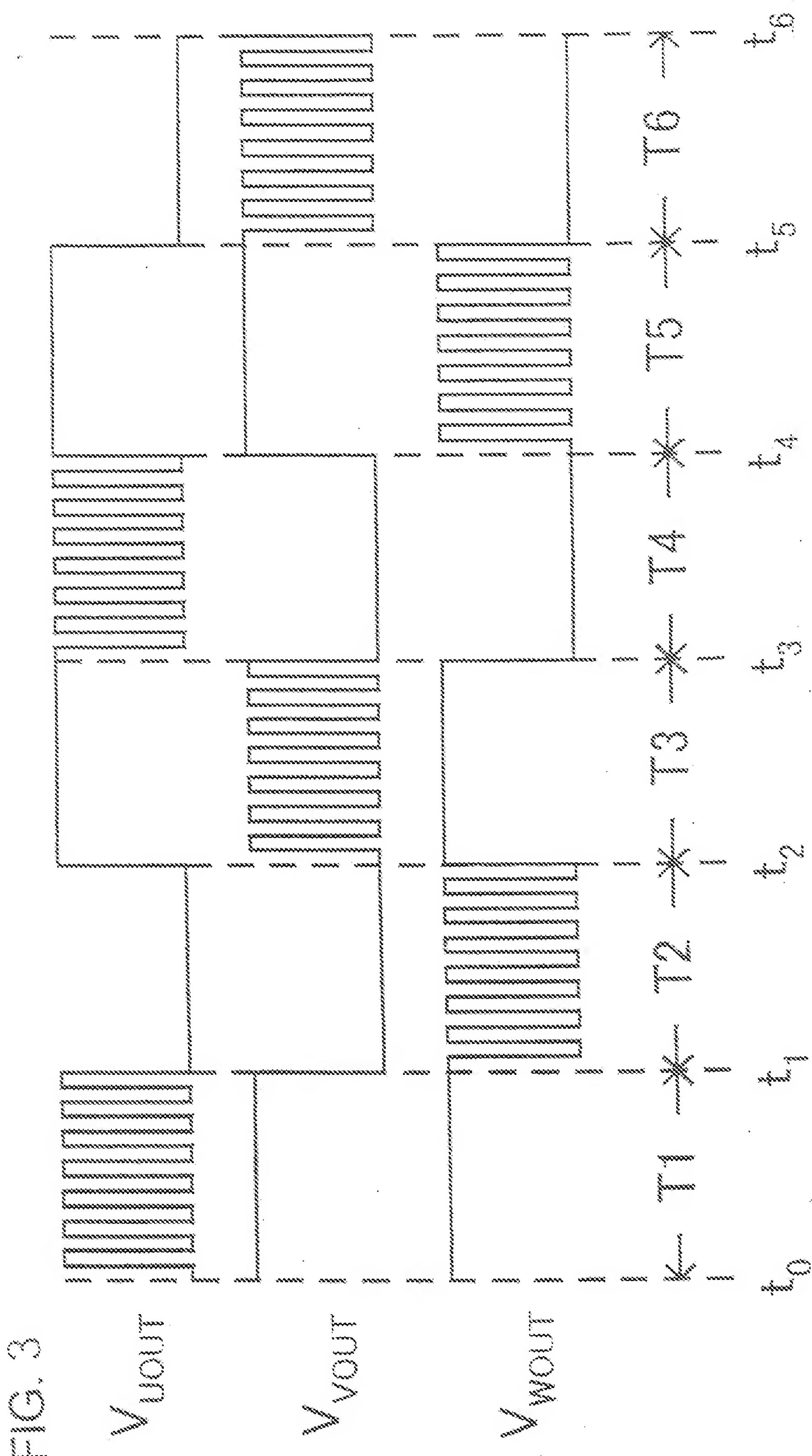


FIG. 4A

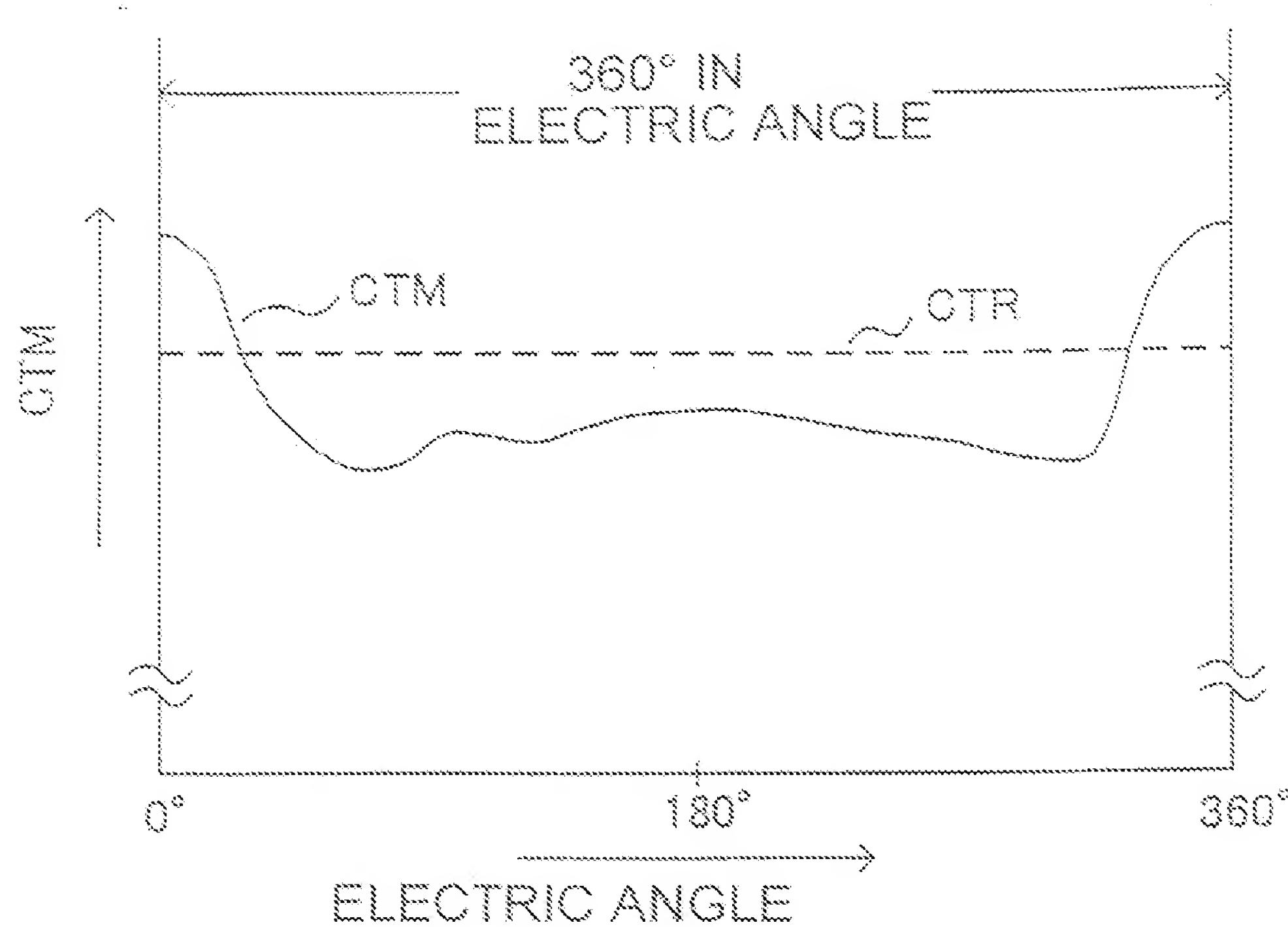


FIG. 4B

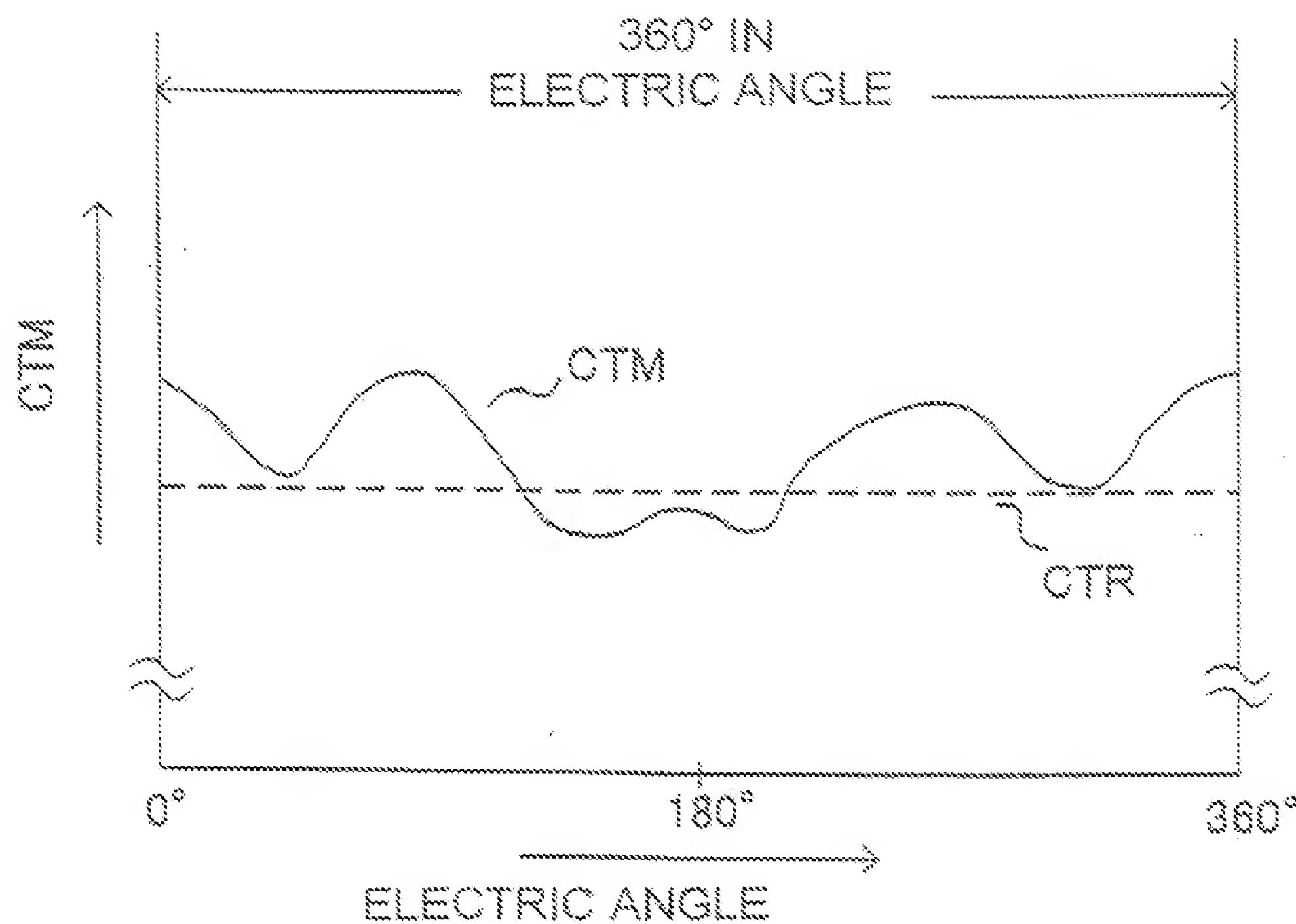


FIG. 5A

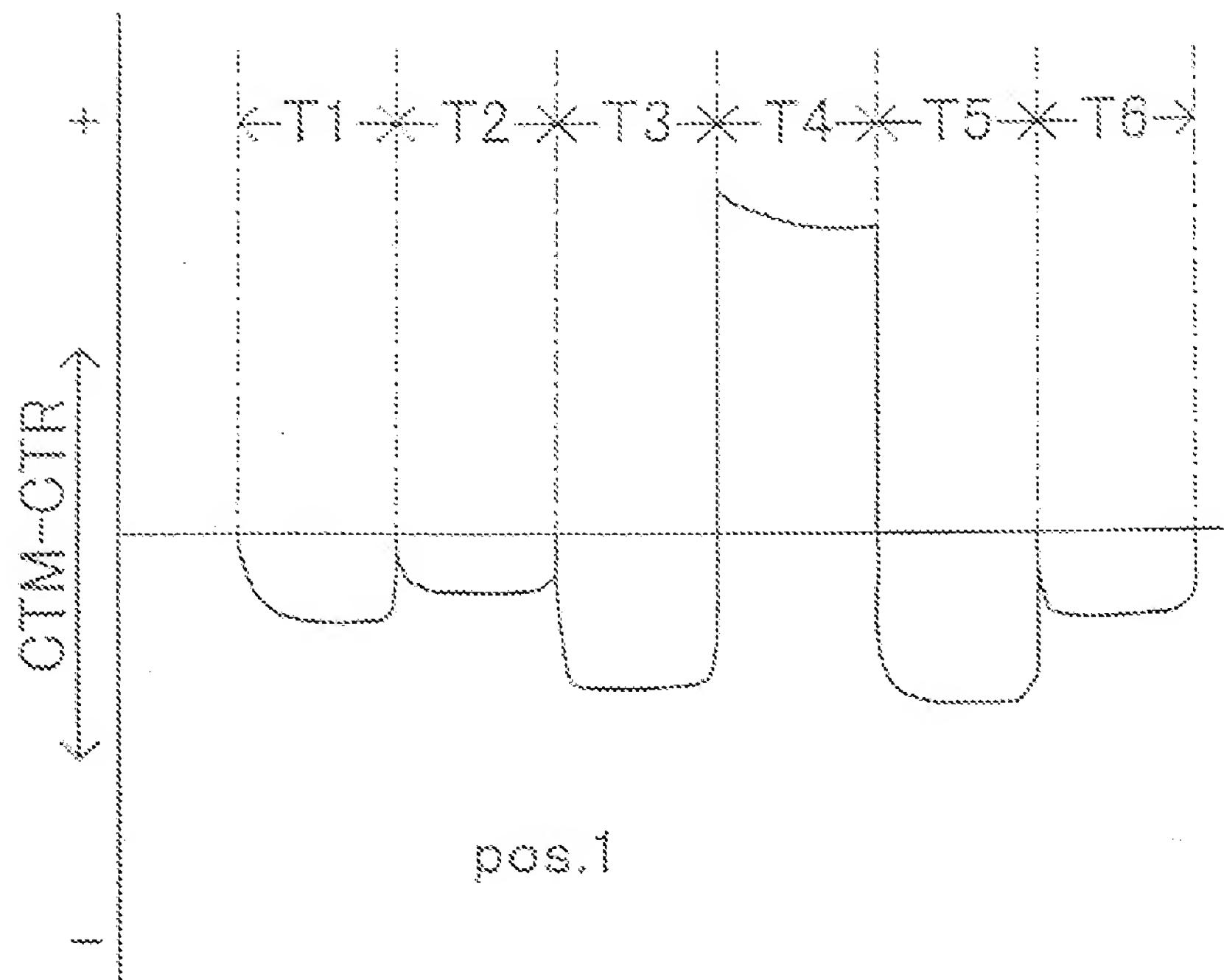


FIG. 5B

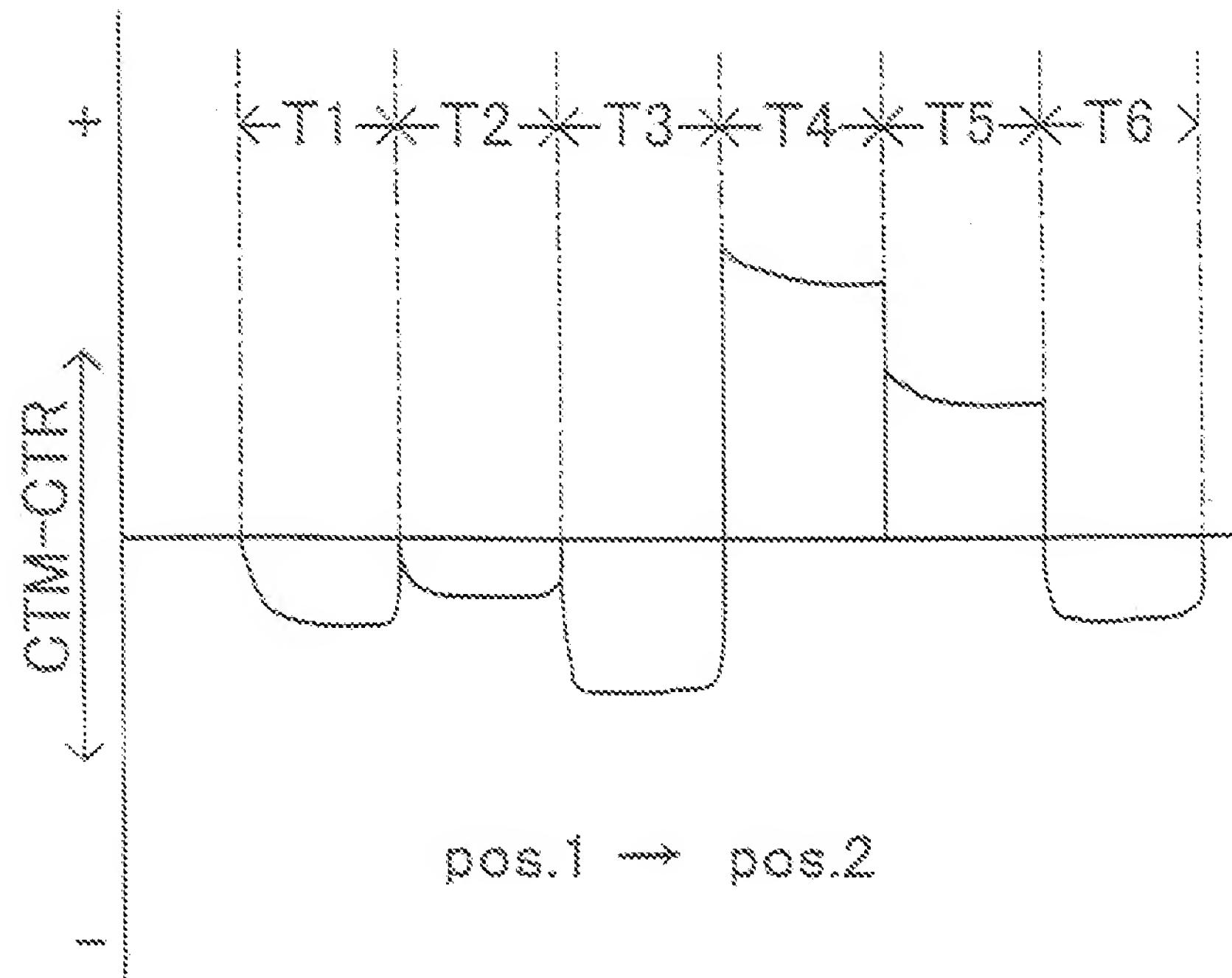


FIG. 5C

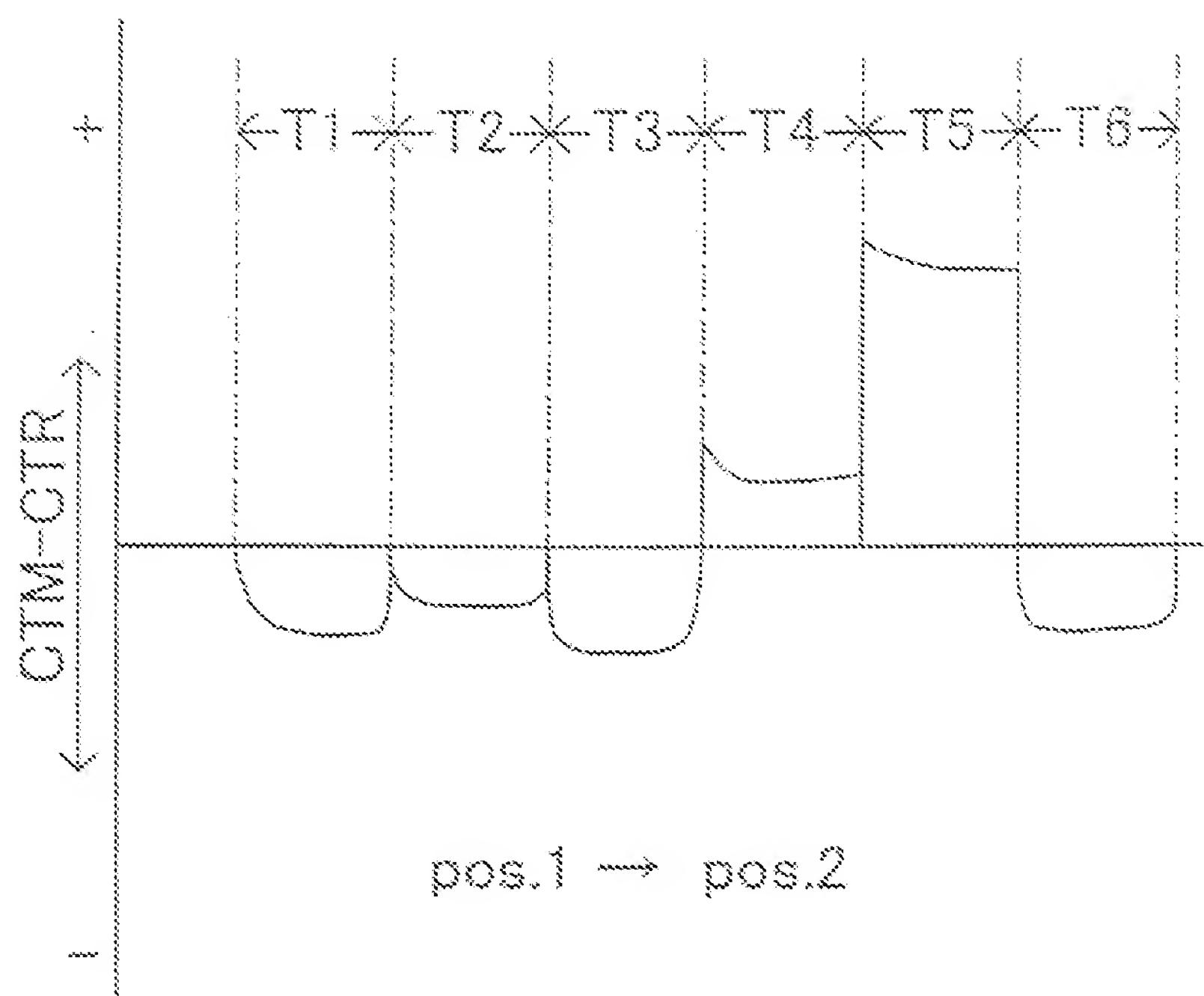
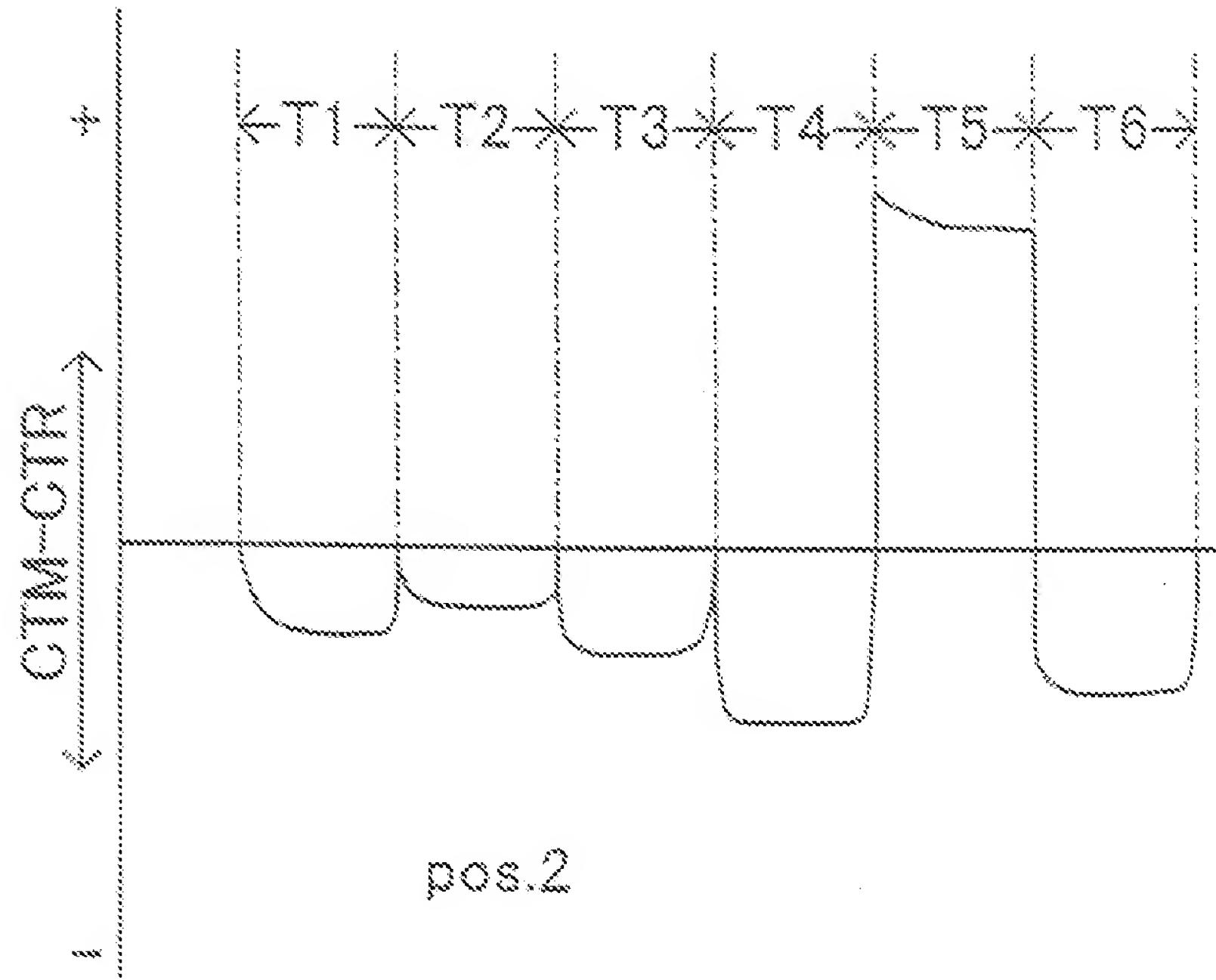


FIG. 5D



EIG. 6A

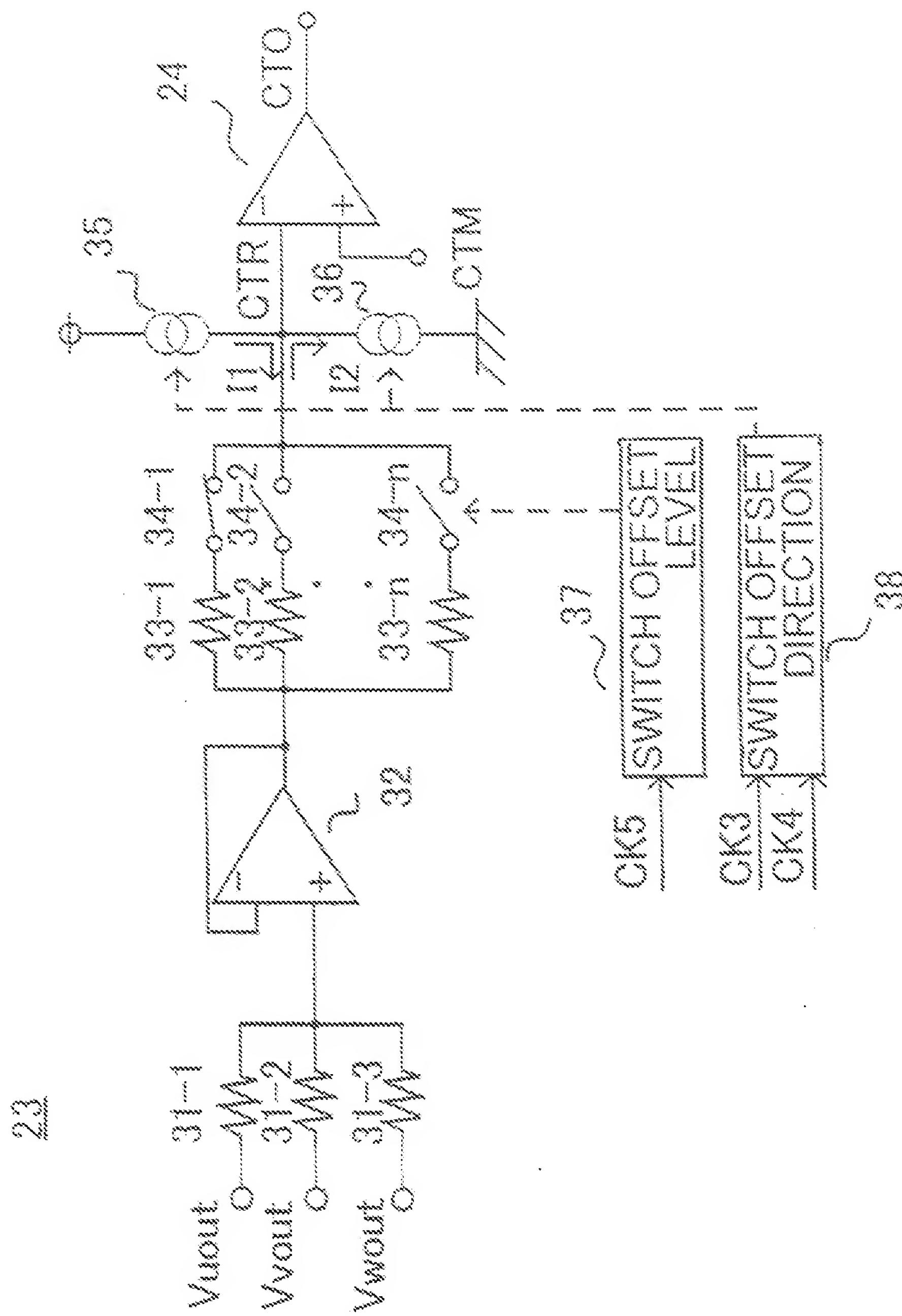


FIG. 6B

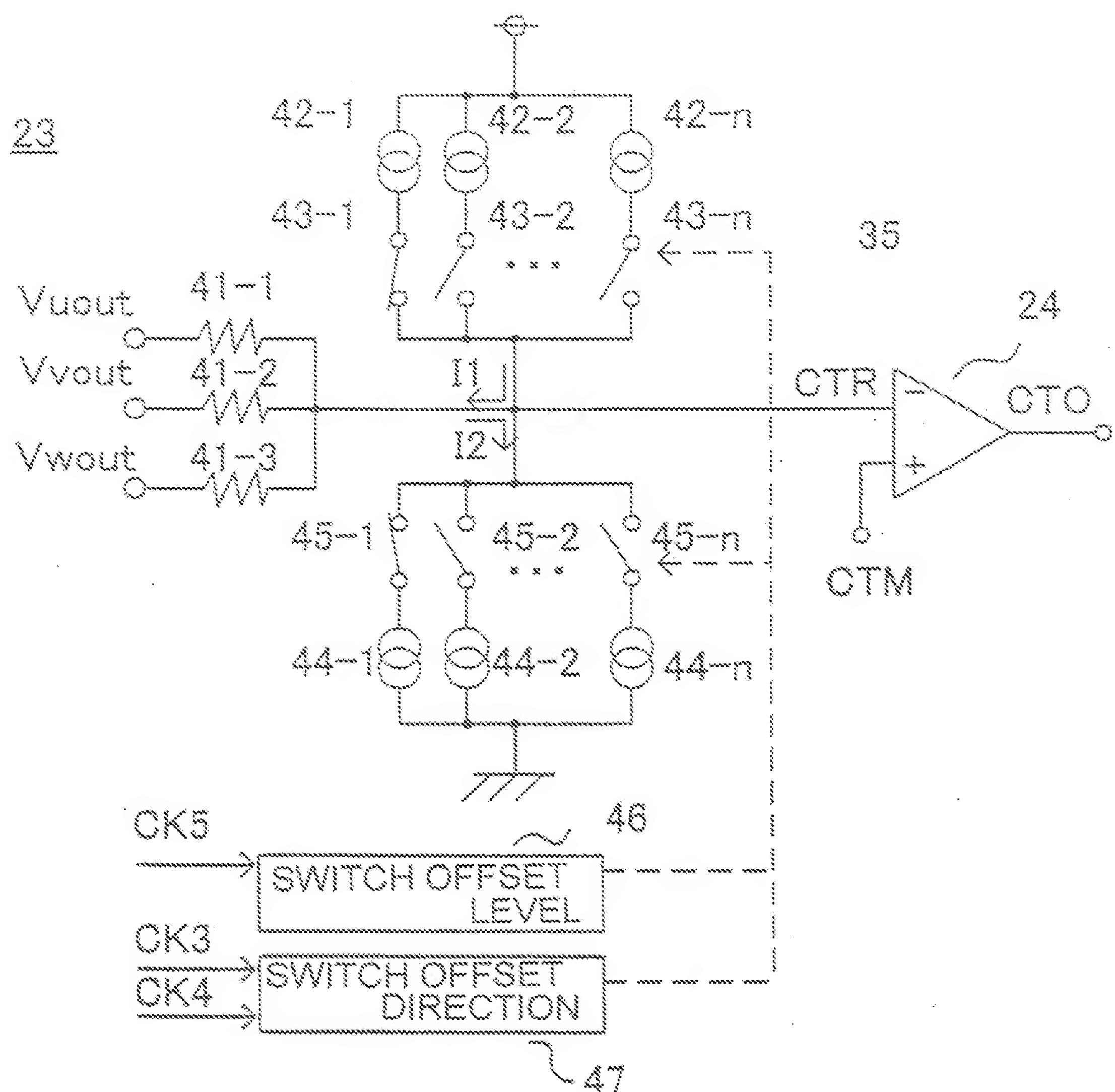


FIG. 7

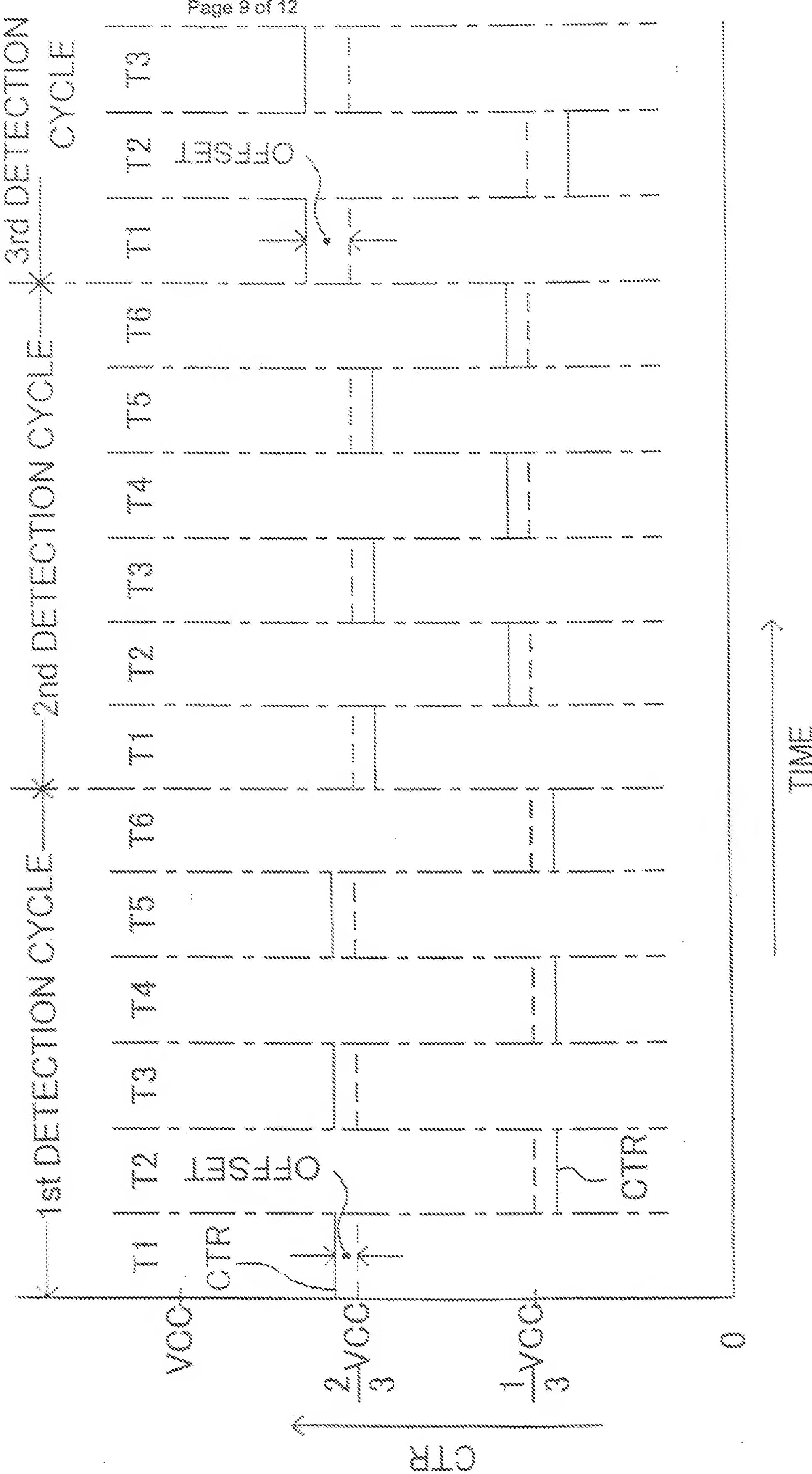


FIG. 8

DETECTION LOGIC PTN 1

	1	2	3	4	5	6	7	Y1, Y2, Y3
Pos. 1	L	X	X	L	L	L	L	(H, L, M)
Pos. 2	L	L	X	X	L	L	L	(H, M, L)
Pos. 3	L	L	L	X	X	L	L	(M, H, L)
Pos. 4	L	L	L	L	X	X	L	(M, H, L)
Pos. 5	L	L	L	L	L	X	X	(L, H, M)
Pos. 6	L	L	L	L	L	X	X	(L, H, M)
Pos. 7	L	L	L	L	L	X	X	(L, M, H)
Pos. 8	L	X	X	L	L	X	X	(L, M, H)
Pos. 9	X	X	L	L	L	X	X	(M, L, H)
Pos. 10	X	X	L	L	L	X	X	(M, L, H)
Pos. 11	X	X	L	L	L	X	X	(H, L, M)
Pos. 12	L	X	L	L	L	X	X	(H, L, M)

DETECTION LOGIC PTN 2

	1	2	3	4	5	6	7	Y1, Y2, Y3
Pos. 1	L	X	X	L	L	L	L	(H, L, M)
Pos. 2	L	X	X	X	X	L	L	(H, M, L)
Pos. 3	L	X	X	X	X	X	L	(M, H, L)
Pos. 4	L	X	X	X	X	X	X	(M, H, L)
Pos. 5	L	X	X	X	X	X	X	(L, H, M)
Pos. 6	L	X	X	X	X	X	X	(L, H, M)
Pos. 7	X	X	L	L	L	X	X	(L, M, H)
Pos. 8	X	X	L	L	L	X	X	(L, M, H)
Pos. 9	X	X	L	L	L	X	X	(M, L, H)
Pos. 10	X	X	L	L	L	X	X	(M, L, H)
Pos. 11	X	X	L	L	L	X	X	(H, L, M)
Pos. 12	X	X	L	L	L	X	X	(H, L, M)

DETECTION LOGIC PTN 3

	1	2	3	4	5	6	7	Y1, Y2, Y3
Pos. 1	X	X	X	X	L	L	L	(H, L, M)
Pos. 2	X	X	X	X	X	L	L	(H, M, L)
Pos. 3	X	X	X	X	X	X	L	(M, H, L)
Pos. 4	X	X	X	X	X	X	X	(M, H, L)
Pos. 5	X	X	X	X	X	X	X	(L, H, M)
Pos. 6	X	X	X	X	X	X	X	(L, H, M)
Pos. 7	X	X	X	L	L	X	X	(L, M, H)
Pos. 8	X	X	X	L	L	X	X	(L, M, H)
Pos. 9	X	X	X	L	L	X	X	(M, L, H)
Pos. 10	X	X	X	L	L	X	X	(M, L, H)
Pos. 11	X	X	X	L	L	X	X	(H, L, M)
Pos. 12	X	X	X	L	L	X	X	(H, L, M)

DETECTION LOGIC PTN 4

	1	2	3	4	5	6	7	Y1, Y2, Y3
Pos. 1	X	X	X	X	X	L	L	(H, L, M)
Pos. 2	X	X	X	X	X	X	L	(H, M, L)
Pos. 3	X	X	X	X	X	X	X	(M, H, L)
Pos. 4	X	X	X	X	X	X	X	(M, H, L)
Pos. 5	X	X	X	X	X	X	X	(L, H, M)
Pos. 6	X	X	X	X	X	X	X	(L, H, M)
Pos. 7	X	X	X	X	L	L	X	(L, M, H)
Pos. 8	X	X	X	X	L	L	X	(L, M, H)
Pos. 9	X	X	X	X	L	L	X	(M, L, H)
Pos. 10	X	X	X	X	L	L	X	(M, L, H)
Pos. 11	X	X	X	X	L	L	X	(H, L, M)
Pos. 12	X	X	X	X	L	L	X	(H, L, M)

FIG. 9

DETECTION LOGIC PTN 1

	1	2	3	4	5	6	Y1, Y2, Y3
Pos. 1	H	X	X	X	X	L	(H, L, M)
Pos. 2	H	X	X	X	X	L	(H, M, L)
Pos. 3	H	X	X	X	X	L	(M, H, L)
Pos. 4	H	X	X	X	X	L	(M, H, L)
Pos. 5	H	X	X	X	X	L	(L, H, M)
Pos. 6	H	X	X	X	X	L	(L, M, H)
Pos. 7	H	X	X	X	X	L	(L, M, H)
Pos. 8	L	X	X	X	X	L	(M, L, H)
Pos. 9	L	X	X	X	X	L	(M, L, H)
Pos. 10	L	X	X	X	X	L	(M, L, H)
Pos. 11	L	X	X	X	X	L	(H, L, M)
Pos. 12	L	X	X	X	X	L	(H, L, M)

DETECTION LOGIC PTN 2

	1	2	3	4	5	6	Y1, Y2, Y3
Pos. 1	H	X	X	X	X	L	(H, L, M)
Pos. 2	H	X	X	X	X	L	(H, M, L)
Pos. 3	H	X	X	X	X	L	(M, H, L)
Pos. 4	H	X	X	X	X	L	(M, H, L)
Pos. 5	H	X	X	X	X	L	(L, H, M)
Pos. 6	H	X	X	X	X	L	(L, M, H)
Pos. 7	H	X	X	X	X	L	(L, M, H)
Pos. 8	L	X	X	X	X	L	(M, L, H)
Pos. 9	L	X	X	X	X	L	(M, L, H)
Pos. 10	L	X	X	X	X	L	(M, L, H)
Pos. 11	L	X	X	X	X	L	(H, L, M)
Pos. 12	L	X	X	X	X	L	(H, L, M)

DETECTION LOGIC PTN 3

	1	2	3	4	5	6	Y1, Y2, Y3
Pos. 1	H	X	X	X	X	L	(H, L, M)
Pos. 2	H	X	X	X	X	L	(H, M, L)
Pos. 3	H	X	X	X	X	L	(M, H, L)
Pos. 4	H	X	X	X	X	L	(M, H, L)
Pos. 5	H	X	X	X	X	L	(L, H, M)
Pos. 6	H	X	X	X	X	L	(L, M, H)
Pos. 7	H	X	X	X	X	L	(L, M, H)
Pos. 8	L	X	X	X	X	L	(M, L, H)
Pos. 9	L	X	X	X	X	L	(M, L, H)
Pos. 10	L	X	X	X	X	L	(M, L, H)
Pos. 11	L	X	X	X	X	L	(H, L, M)
Pos. 12	L	X	X	X	X	L	(H, L, M)

DETECTION LOGIC PTN 4

	1	2	3	4	5	6	Y1, Y2, Y3
Pos. 1	L	X	X	X	X	L	(H, L, M)
Pos. 2	L	X	X	X	X	L	(H, M, L)
Pos. 3	L	X	X	X	X	L	(M, H, L)
Pos. 4	L	X	X	X	X	L	(M, H, L)
Pos. 5	L	X	X	X	X	L	(L, H, M)
Pos. 6	L	X	X	X	X	L	(L, M, H)
Pos. 7	L	X	X	X	X	L	(L, M, H)
Pos. 8	L	X	X	X	X	L	(M, L, H)
Pos. 9	L	X	X	X	X	L	(M, L, H)
Pos. 10	L	X	X	X	X	L	(M, L, H)
Pos. 11	L	X	X	X	X	L	(H, L, M)
Pos. 12	L	X	X	X	X	L	(H, L, M)

FIG. 10

